



Texas Poison Center Network

Thursday, March 28, 2019

Intercontinental Terminal Company Fire in Deer Park, Texas

Daily Situation Report (SITREP) #6

Reporting Period: March 18, 2019 - March 28, 2019 (9am)

Current Situation:

- Intercontinental Terminal Company chemical storage tanks caught fire the evening of Sunday, March 18, 2019. The chemicals released in the fire include Naphtha, Xylene, Toluene, and Benzene. The fire continued to burn until Wednesday, March 20, 2019.
- Based on air monitoring reports from TCEQ taken today, local officials report readings remain below action levels. No serious injuries have been reported from the incident. Continuous air monitoring by TCEQ and EPA are being done.
- On Friday March 22, 2019 at approximately 12:15PM the dike wall at ITC Deer Park containing the product released during the recent fire event partially collapsed. As a result, ITC sent out a Shelter-In-Place notification to industrial neighbors and the San Jacinto Texas State Historic Site. At this time, the City of Deer Park is not ordering this within the city limits and will update as available.
- Poison Centers collected data from calls in which information was requested regarding the chemicals involved; a person was reporting being exposed to the toxic fumes, or health care professionals requesting recommendations regarding treatment symptoms.
- The most common reported symptoms as of 3/25/19 were headache, nausea, throat irritation, cough, dizziness and or vertigo, chest pain, and ocular irritation.
- Texas Department of State Health Services is warning people not to eat fish caught in the Houston Ship Channel. The entire area has been closed since Friday (3/22/19), and the U.S. Coast Guard has been skimming the water to pull out oily product.
- The TPCN received a total of 235 calls from 3/17/19 to 3/28/19 as of 9 am. Of these calls, 175 calls were exposures and 60 were requests for information calls.



Table 1	Exposure	Information	Total
Calls per day			
03/17/2019	1	0	1
03/18/2019	4	4	8
03/19/2019	6	5	11
03/20/2019	5	1	6
03/21/2019	73	16	89
03/22/2019	42	21	63
03/23/2019	15	5	20
03/24/2019	8	1	9
03/25/2019	11	3	14
03/26/2019	7	2	9
03/27/2019	3	2	5
Total	175	60	235
Patient Age Group			
>13	19	2	21
13-19	9	0	9
20-29	28	1	28
30-39	26	0	26
40-49	27	1	28
50-59	15	0	15
<=60	20	0	19
Total	144	4	148
**Missing = 53			

Table 1	Exposure	Information	Total
Caller Relation to Patient			
Medical Professional (500-504)*	47	5	51
Self (505)*	67	4	70
Relative (506-510)*	31	4	35
Other (511-512)	2	0	2
Total	147	13	160
**Missing = 44			



Caller Site			
Own Residence (230)*	112	8	120
Other residence (231)*	1	0	1
Workplace (232)*	1	0	1
Health Care Facility (233)*	53	5	58
Public Area (236)*	1	0	1
Other (237)*	6	1	7
Unknown (238)*	1	0	1
Total	175	14	189
**Missing = 21			

* The number in the parenthesis () corresponds to the code in Toxicall

** Number missing calls from category

Table 2 below displays the total number of information case records received, grouped by the type of information call.

Table 2: Type of Total Information Calls	
Type	Frequency
Drug Information (251)	2
Environmental Information (253)	39
Medical Information (254)	10
Poison Informtaion (256)	5
Other Information (259)	4

Table 3 displays information about the different substances reported on each case record. Each case can have multiple substances reported. The table displays the substances called about by day and total times substance was reported on an Exposure or Information case record. The uptick in case records related to Benzene and Smoke occur on Mar 21 after the shelter in place was issued.

Table 3													
	Admin Info	Benzene	Carbon Monoxide	Ethylene Dichloride	General / Unknown	Hydro - Carbon	Indoor Air Quality	Naptha	Poison Info	Smoke	Toluene	Xylene	Total
03/17/2019	0	0	0	0	0	1	0	0	0	0	0	0	1
03/18/2019	0	0	1	0	1	0	0	3	0	1	2	3	11
03/19/2019	0	0	1	1	0	1	1	1	0	3	1	2	11
03/20/2019	0	5	0	0	0	0	0	3	0	0	3	3	14
03/21/2019	0	42	1	0	0	0	0	0	0	49	0	0	92
03/22/2019	0	31	1	0	0	0	0	0	0	21	0	0	53
03/23/2019	0	4	6	0	0	0	0	0	1	8	0	0	19
03/24/2019	0	6	1	0	0	0	0	0	0	1	0	0	8
03/25/2019	0	9	0	0	0	0	0	0	0	4	0	0	13
03/26/2019	1	1	0	0	0	0	0	0	0	7	0	0	9
03/27/2019	0	3	0	0	0	0	0	0	0	0	0	0	3
Total	1	101	11	1	1	2	1	7	1	94	6	8	234
Exposure Call	0	84	11	1	1	2	0	5	0	89	4	6	203
Information Call	1	17	0	0	0	0	1	2	1	5	2	2	31



Table 4 relates to Exposure calls only:

Table 4: Exposure Site by Exposure Reason					
	Unintentional General	Unintentional Environmental	Unintentional Occupational	Adverse reaction	Total
Own residence	13	112	0	1	126
Other residence	1	3	0	0	4
Workplace	0	6	8	0	14
School	0	1	0	0	1
Public area	0	22	3	0	25
Other	0	3	0	0	3
Unknown	0	2	0	0	2
Total	14	149	11	1	175

- Please continue to share the Poison Control Center **phone # 800-222-1222** concerning possible exposures.
- Poison Centers can also be of consultative services for Unified Command.

Contact Personnel:

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